

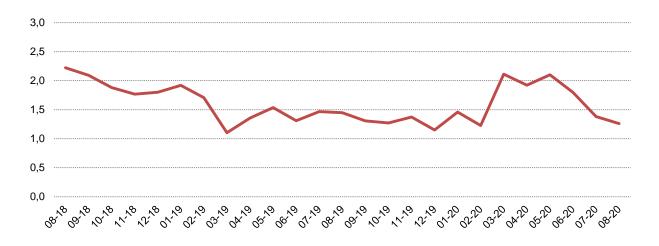
# **Consumer Price Index**

## **August, 2020**

**Tirana, on September 08, 2020:** Consumer Price Index in August 2020 arrived 107.8 against December 2015 as reference period.

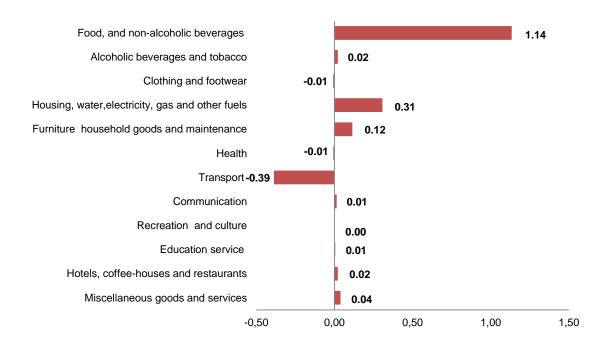
The annual rate of consumer price index in August 2020 is 1.3 %, a year before this rate was 1.4 %. Compared with July 2020, the monthly change of consumer price index in August 2020 is 0.2 %.

Fig. 1 Annual rate of consumer price index



Contribution of main groups in yearly changes of CPI: Annual growth rate in August was influenced mostly from prices of group "Food and non-alcoholic beverage" by +1.14 p.p., followed by "Housing, water, electricity and other fuel" by +0.31 p.p.. Prices of "Furniture household goods and maintenance" group contributed by +0.12 p.p.. Prices of "Miscellaneous goods and services" groups contributed by +0.04 p.p.. Prices of "Alcoholic beverages and tobacco" and "Hotels, coffee-house and restaurants" contributed by +0.02 p.p. each of them. Prices of "Communication" and "Education service" groups contributed by +0.01 p.p. each of them. Prices of "Transport" group contributed by -0.39 p.p.. Prices of "Clothing and footwear" and "Health" groups contributed by -0.01 p.p. each of them.





**Yearly rates of main groups:** Compared to August 2019, prices increased the most in the group "Food and non-alcoholic beverage" by 3.1 %, followed by "Furniture household goods and maintenance" by 1.9 %, "Housing, water, electricity and other fuel" by 1.5 %, each of them, "Alcoholic beverages and tobacco", "Hotels, coffee-house and restaurants" and "Miscellaneous goods and services" by 0.6 % each of them, "Communication" by 0.5 %, and "Education services" by 0.2 %.

On the other side prices of "Transport" decreased by 5.8 % followed by "Clothing and footwear" and "Health" group by 0.2 %, each of them.

Within the food group prices of "fruit" subgroup signed an increased by 14.3 %, followed by "oil and fats" by 4.7 %, "fish" and "sugar, jam honey, syrup, chocolates and sweets" by 3.7 % each of them, "milk, cheese and eggs" by 2.3 %, etc.

**Monthly rates of main groups:** Compared with July 2020 prices of "Furniture household goods and maintenance" and "Transport" increased by 0.5 % each of them, followed by "Food and non-alcoholic beverage" by 0.4 %, "Alcoholic beverages and tobacco", "Housing, water, electricity and other fuel" and "Recreation and culture" by 0.9 % each of them. On the other hand prices of "Clothing and footwear" decreased by 0.3 %.

**Tab. 1 Consumer Price Index** 

December 2015=100

| Code | Groups   | Weights | 08-19 | 09-19 | 10-19 | 11-19 | 12-19 | 01-20 | 02-20 | 03-20 | 04-20 | 05-20 | 06-20 | 07-20 | 08-20 |
|------|--|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | Total  | 100     | 106.5 | 106.6 | 106.4 | 106.2 | 107.1 | 109.1 | 109.5 | 110.2 | 109.7 | 108.8 | 108.1 | 107.6 | 107.8 |
| 1    | Food, and non-alcoholic beverages                | 37.3    | 111.8 | 112.2 | 111.7 | 111.2 | 113.4 | 118.4 | 119.5 | 121.7 | 120.5 | 118.0 | 116.3 | 114.7 | 115.2 |
| 2    | Alcoholic beverages and tobacco                  | 3.4     | 104.9 | 104.9 | 104.8 | 104.9 | 104.6 | 105.2 | 105.3 | 105.5 | 105.3 | 105.4 | 105.4 | 105.5 | 105.6 |
| 3    | Clothing and footwear                            | 3.6     | 98.5  | 99.1  | 99.4  | 99.6  | 99.7  | 99.6  | 99.4  | 98.9  | 98.9  | 98.3  | 98.6  | 98.6  | 98.3  |
| 4    | Housing, water, electricity, gas and other fuels | 20.9    | 105.1 | 105.1 | 105.2 | 105.2 | 105.4 | 106.8 | 106.8 | 106.8 | 106.7 | 106.8 | 106.6 | 106.5 | 106.6 |
| 5    | Furniture household goods and maintenance        | 6.4     | 100.8 | 100.9 | 101.0 | 101.2 | 101.4 | 101.3 | 101.3 | 101.5 | 102.6 | 102.4 | 102.4 | 102.2 | 102.7 |
| 6    | Health   | 3.5     | 99.5  | 99.6  | 99.5  | 99.4  | 99.4  | 99.2  | 99.1  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  | 99.3  |
| 7    | Transport  | 6.3     | 104.5 | 102.9 | 102.2 | 102.1 | 102.8 | 102.7 | 102.5 | 100.3 | 98.6  | 97.9  | 97.8  | 97.9  | 98.4  |
| 8    | Communication                                    | 3.0     | 101.3 | 101.2 | 101.2 | 101.2 | 101.2 | 101.0 | 101.0 | 100.9 | 100.9 | 101.7 | 101.7 | 101.7 | 101.7 |
| 9    | Recreation and culture                           | 2.4     | 107.9 | 108.4 | 108.0 | 107.1 | 107.3 | 106.8 | 107.5 | 107.5 | 108.4 | 108.0 | 108.8 | 107.9 | 107.9 |
| 10   | Education service                                | 2.9     | 102.1 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 | 102.3 |
| 11   | Hotels, coffee-houses and restaurants            | 3.9     | 102.3 | 102.4 | 102.4 | 102.5 | 102.5 | 102.7 | 102.8 | 102.8 | 102.9 | 102.8 | 102.8 | 102.9 | 102.9 |
| 12   | Miscellaneous goods and services                 | 6.3     | 103.7 | 103.7 | 103.8 | 103.8 | 103.9 | 103.9 | 104.0 | 103.9 | 103.8 | 103.9 | 104.0 | 104.3 | 104.3 |

Tab. 2 Annual rate of CPI

|      |  |             |             |             |             |             |             |             |             |             |             |             |             | %           |
|------|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Code | Groups   | 08-19/08-18 | 09-19/09-18 | 10-19/10-18 | 11-19/11-18 | 12-19/12-18 | 01-20/01-19 | 02-20/02-19 | 03-20/03-19 | 04-20/04-19 | 05-20/05-19 | 06-20/06-19 | 07-20/07-19 | 08-20/08-19 |
|      | Total  | 1.4         | 1.3         | 1.3         | 1.4         | 1.1         | 1.5         | 1.2         | 2.1         | 1.9         | 2.1         | 1.8         | 1.4         | 1.3         |
| 1    | Food. and non-alcoholic beverages                | 2.4         | 2.5         | 3.0         | 3.2         | 2.6         | 2.4         | 1.9         | 4.6         | 4.3         | 4.9         | 4.1         | 3.1         | 3.1         |
| 2    | Alcoholic beverages and tobacco                  | 1.5         | 1.5         | 1.4         | 1.1         | 0.2         | 0.5         | 0.7         | 0.8         | 0.6         | 0.6         | 0.6         | 0.7         | 0.6         |
| 3    | Clothing and footwear                            | 0.2         | 0.2         | -0.1        | -0.3        | -0.2        | -0.6        | -0.7        | -0.6        | -0.7        | -0.7        | -0.5        | -0.2        | -0.2        |
| 4    | Housing, water, electricity, gas and other fuels | 0.8         | 0.7         | 0.1         | 0.1         | 0.1         | 1.5         | 1.4         | 1.7         | 1.3         | 1.4         | 1.4         | 1.4         | 1.5         |
| 5    | Furniture household goods and maintenance        | 1.5         | 1.5         | 1.4         | 1.5         | 1.2         | 1.2         | 0.8         | 0.9         | 1.9         | 1.9         | 2.0         | 1.8         | 1.9         |
| 6    | Health   | -0.1        | 0.0         | -0.1        | 0.0         | -0.4        | -0.6        | -0.7        | -0.6        | -0.7        | -0.6        | -0.6        | -0.2        | -0.2        |
| 7    | Transport  | 1.2         | -0.6        | -2.0        | -1.6        | 0.2         | 1.5         | 1.2         | -1.5        | -3.1        | -3.7        | -4.0        | -4.8        | -5.8        |
| 8    | Communication                                    | 0.1         | 0.1         | 0.1         | 0.0         | -0.1        | -0.3        | -0.3        | -0.4        | -0.3        | 0.4         | 0.4         | 0.5         | 0.5         |
| 9    | Recreation and culture                           | 2.2         | 0.5         | 1.2         | 2.1         | 2.2         | 2.3         | 2.4         | 2.4         | 3.8         | 2.7         | 2.9         | 1.4         | 0.0         |
| 10   | Education service                                | 0.8         | 0.9         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         | 0.2         |
| 11   | Hotels, coffee-houses and restaurants            | 1.1         | 1.2         | 1.2         | 1.3         | 0.6         | 0.9         | 0.8         | 0.7         | 0.8         | 0.7         | 0.5         | 0.5         | 0.6         |
| 12   | Miscellaneous goods and services                 | 0.1         | 0.2         | 0.3         | 0.2         | 0.2         | 0.1         | 0.3         | 0.1         | 0.0         | 0.3         | 0.3         | 0.6         | 0.6         |

**Tab. 3 Monthly rate of CPI** 

|      |  |       |       |       |       |       |       |       |       |       |       |       |       | %     |
|------|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Code | Groups   | 08-19 | 09-19 | 10-19 | 11-19 | 12-19 | 01-20 | 02-20 | 03-20 | 04-20 | 02-50 | 06-20 | 07-20 | 08-20 |
|      | Total  | 0.3   | 0.1   | -0.2  | -0.1  | 0.8   | 1.9   | 0.4   | 0.6   | -0.4  | -0.8  | -0.6  | -0.5  | 0.2   |
| 1    | Food. and non-alcoholic beverages                | 0.4   | 0.4   | -0.5  | -0.4  | 2.0   | 4.4   | 1.0   | 1.8   | -1.0  | -2.1  | -1.5  | -1.3  | 0.4   |
| 2    | Alcoholic beverages and tobacco                  | 0.2   | 0.0   | -0.1  | 0.0   | -0.2  | 0.6   | 0.1   | 0.1   | -0.2  | 0.1   | 0.1   | 0.1   | 0.1   |
| 3    | Clothing and footwear                            | -0.2  | 0.6   | 0.4   | 0.1   | 0.1   | -0.1  | -0.2  | -0.5  | -0.1  | -0.5  | 0.3   | 0.0   | -0.3  |
| 4    | Housing, water. Electricity, gas and other fuels | 0.1   | 0.0   | 0.1   | 0.0   | 0.2   | 1.3   | 0.0   | 0.0   | -0.1  | 0.0   | -0.2  | 0.0   | 0.1   |
| 5    | Furniture household goods and maintenance        | 0.4   | 0.1   | 0.0   | 0.2   | 0.2   | -0.1  | 0.0   | 0.2   | 1.1   | -0.1  | 0.0   | -0.2  | 0.5   |
| 6    | Health   | 0.0   | 0.1   | -0.1  | -0.1  | 0.0   | -0.2  | -0.1  | 0.3   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 7    | Transport  | 1.6   | -1.5  | -0.7  | -0.1  | 0.6   | 0.0   | -0.2  | -2.2  | -1.7  | -0.7  | -0.1  | 0.1   | 0.5   |
| 8    | Communication                                    | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | -0.2  | 0.0   | -0.1  | 0.0   | 0.8   | 0.0   | 0.0   | 0.0   |
| 9    | Recreation and culture                           | 1.5   | 0.4   | -0.3  | -0.8  | 0.2   | -0.5  | 0.6   | 0.0   | 0.8   | -0.4  | 0.8   | -0.9  | 0.1   |
| 10   | Education service                                | 0.0   | 0.2   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 11   | Hotels, coffee-houses and restaurants            | 0.0   | 0.1   | 0.0   | 0.1   | 0.0   | 0.3   | 0.0   | 0.0   | 0.1   | 0.0   | 0.0   | 0.0   | 0.0   |
| 12   | Miscellaneous goods and services                 | 0.0   | 0.0   | 0.1   | -0.1  | 0.1   | 0.0   | 0.1   | -0.1  | -0.1  | 0.1   | 0.1   | 0.3   | 0.0   |

#### Information

Data collection for CPI has been affected by the COVID-19 crisis in all countries. INSTAT during this period has been following the latest recommendation coming from EUROSTAT and other international partners.

Eurostat and the national statistical institutes have agreed a set of procedures to estimate prices that could not be collected due to mobility restrictions or closures of outlets.

# Methodology

### - Methodological changes

In January of each year some methodological changes and new developments were carried out in CPI:

- Update of weights: Weights are changed; they are now based on the average expenditure from 2018 Household Budget Survey.
- Update of basket: The list of goods and service content 331 products.
- Update of list of the outlets where the prices are collected is updated.

### - Definitions

The annual rate measures the price change between the current month and the same month of the previous year. This measure is responsive to recent changes in price levels but can be influenced by one-off effect in either month

The monthly rate measures the price change between current month and previous month. Although upto-date it can be affected by seasonal and other effects.

The 12-month average rate compares average Consumer Price Indices and the latest 12 month to the average of the previous 12 months.